



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/032,102 Confirmation No. : 6848  
First Named Inventor : Takashi MUKAIHIRA  
Filed : December 31, 2001  
TC/A.U. : 3748  
Examiner : Binh Tran  
  
Docket No. : 056210.41670C4  
Customer No. : 23911  
  
Title : System for Diagnosing Deterioration of Catalyst

**AMENDMENT PURSUANT TO 37 CFR 1.116**

**Mail Stop AF**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The following amendments and remarks are respectfully submitted in response to the Final Office Action dated April 7, 2005.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 9 of this paper.